

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023154.D
 Acq On : 16 Jul 2016 19:44
 Operator : UM/SJ
 Sample : H4021-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SKEARNY1

Quant Time: Jul 18 02:15:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

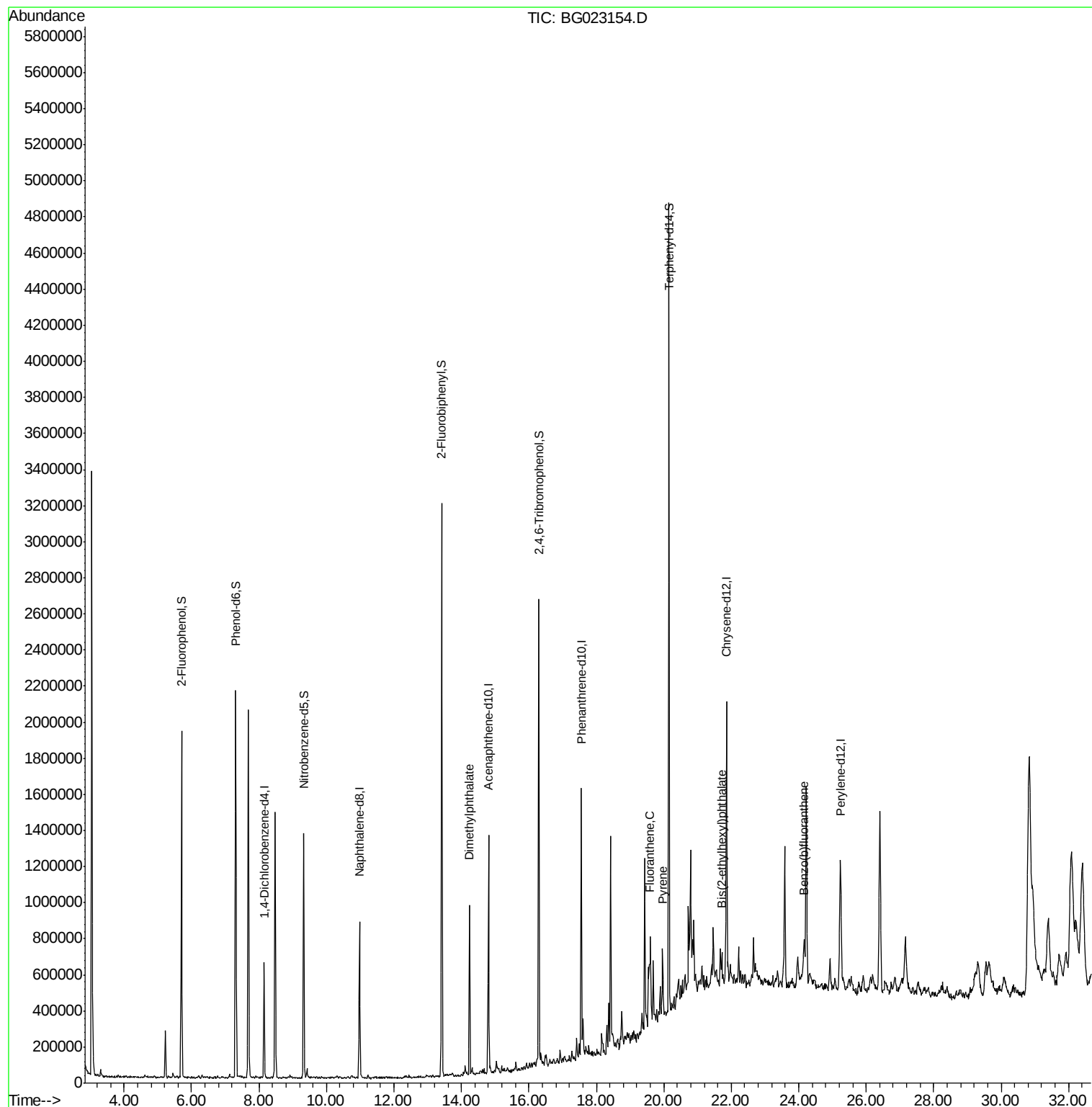
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	157374	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	700256	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	442936	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	922070	20.00	ng	0.00
75) Chrysene-d12	21.86	240	929599	20.00	ng	0.01
86) Perylene-d12	25.23	264	924583	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	760837	79.07	ng	0.00
7) Phenol-d6	7.31	99	1216390	80.71	ng	0.00
23) Nitrobenzene-d5	9.33	82	893371	54.63	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	477011	59.92	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1585673	56.39	ng	0.00
78) Terphenyl-d14	20.15	244	1756737	51.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	585683	16.19	ng	98
74) Fluoranthene	19.60	202	197740	3.57	ng	97
77) Pyrene	19.96	202	172498	3.30	ng	94
83) Bis(2-ethylhexyl)phthalate	21.72	149	66478	2.31	ng	95
87) Benzo(b)fluoranthene	24.16	252	110799	2.08	ng	# 84

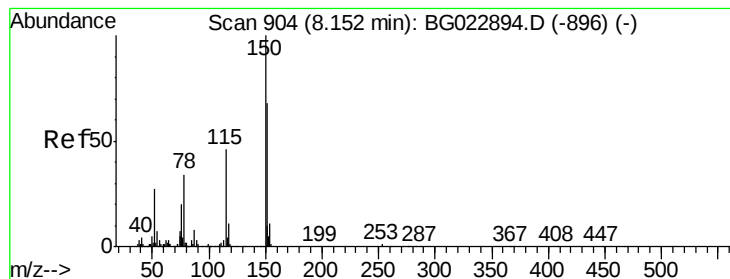
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1

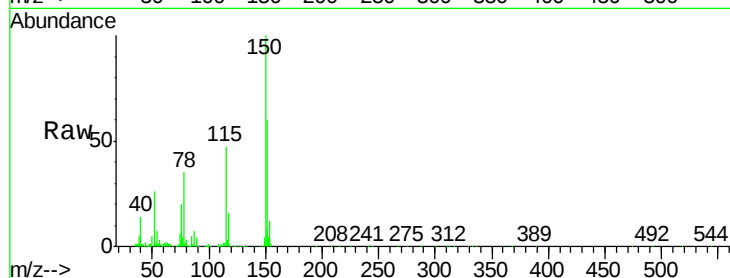
Tgt Ion:152 Resp: 157374

Ion Ratio Lower Upper

152 100

150 165.7 144.7 217.1

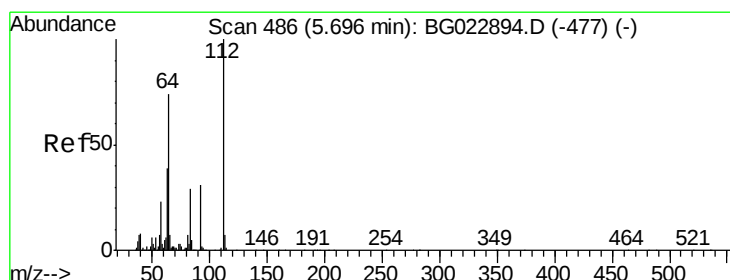
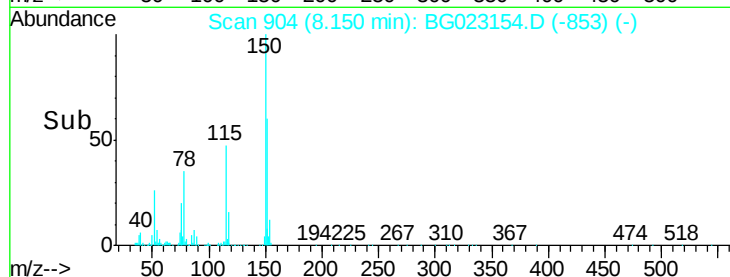
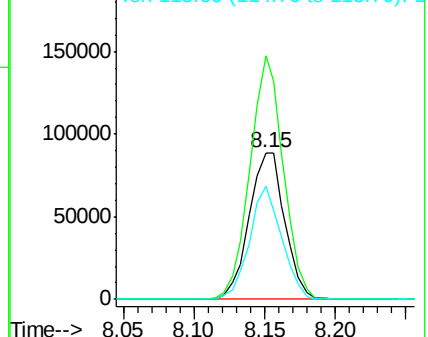
115 77.2 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 79.07 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

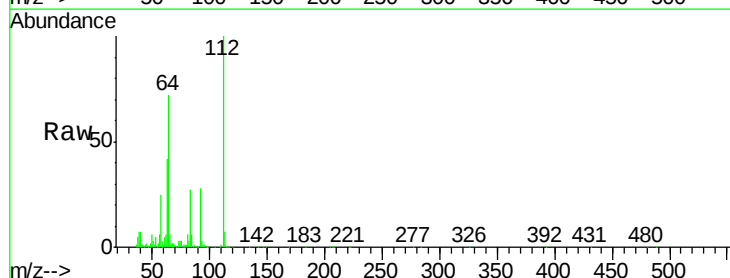
Tgt Ion:112 Resp: 760837

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

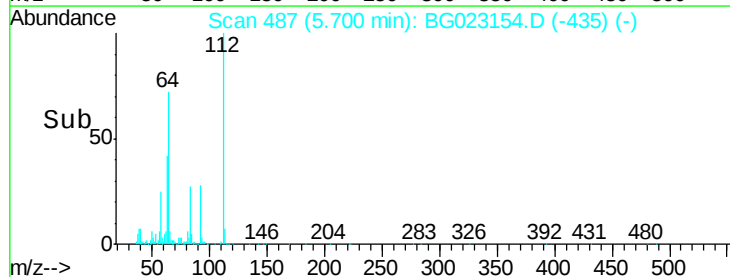
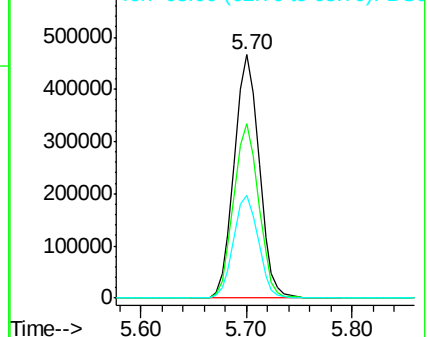
63 42.4 37.8 56.8

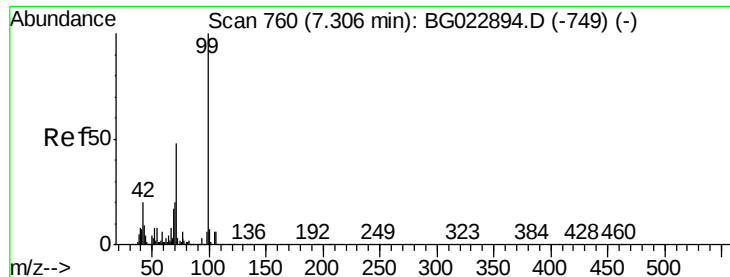


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 80.71 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1

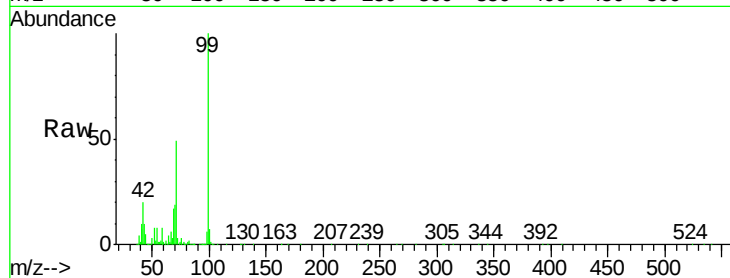
Tgt Ion: 99 Resp: 1216390

Ion Ratio Lower Upper

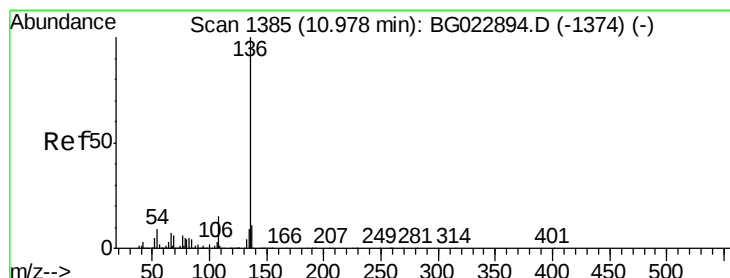
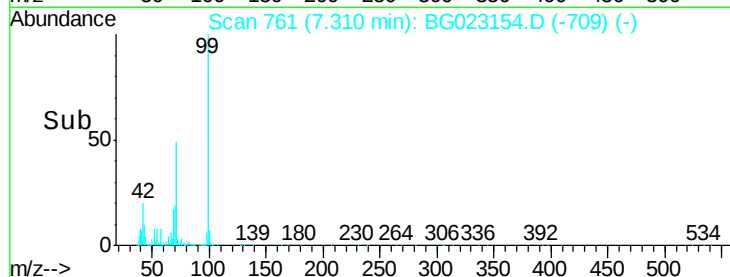
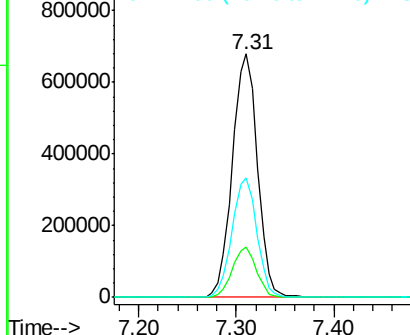
99 100

42 20.5 17.8 26.6

71 49.2 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Tgt Ion: 136 Resp: 700256

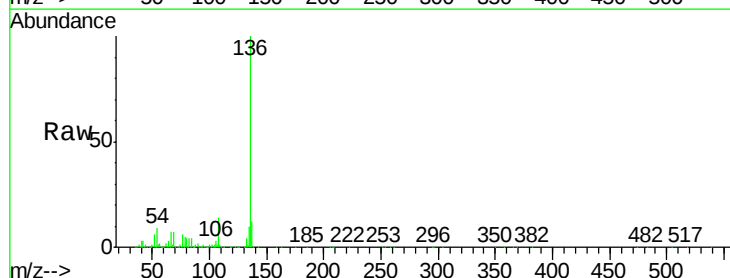
Ion Ratio Lower Upper

136 100

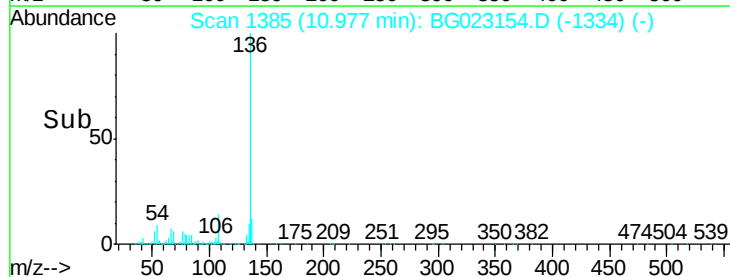
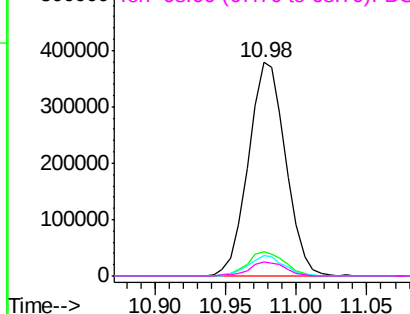
137 11.5 9.6 14.4

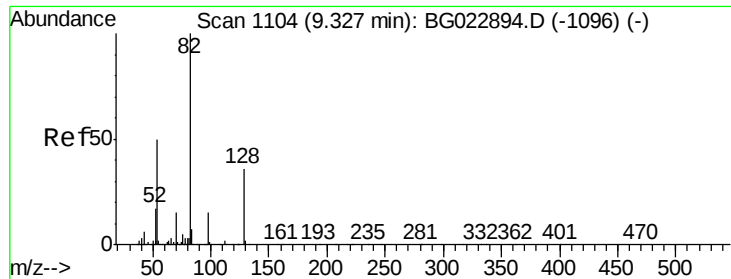
54 9.5 7.3 10.9

68 6.5 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

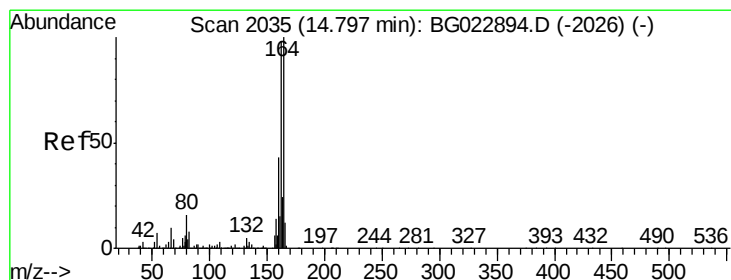
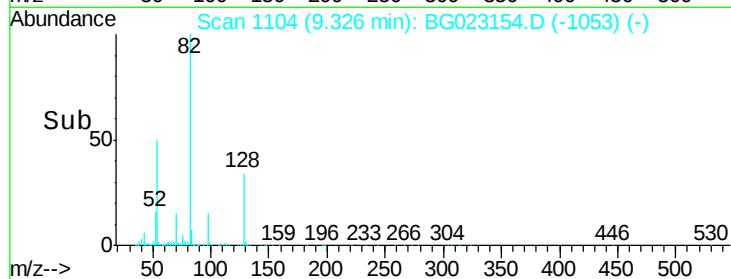
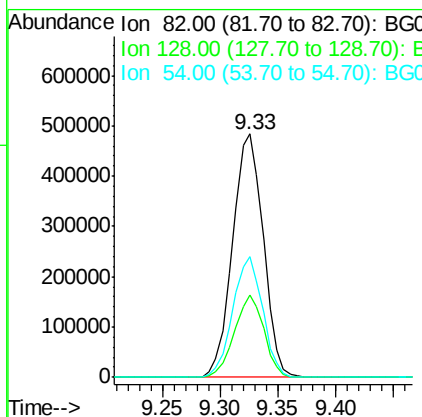
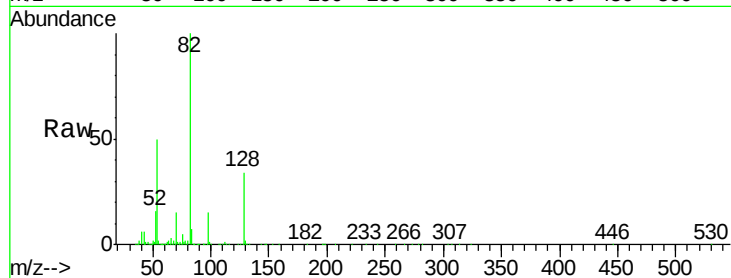




#23
 Nitrobenzene-d5
 Concen: 54.63 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023154.D
 Acq: 16 Jul 2016 19:44

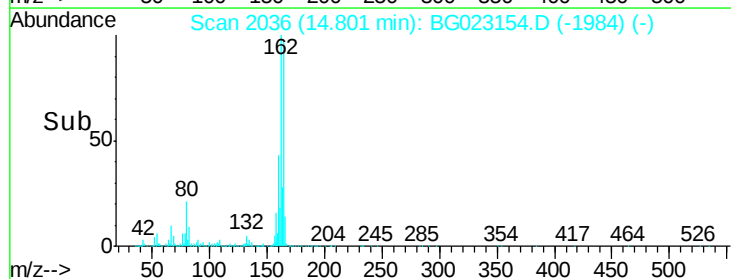
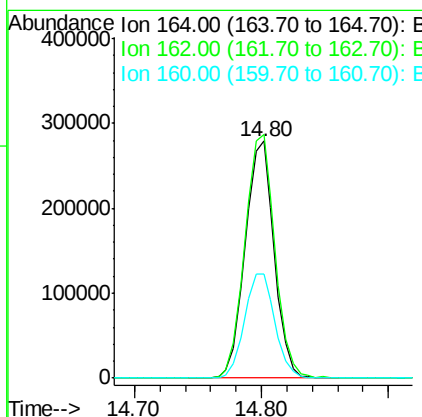
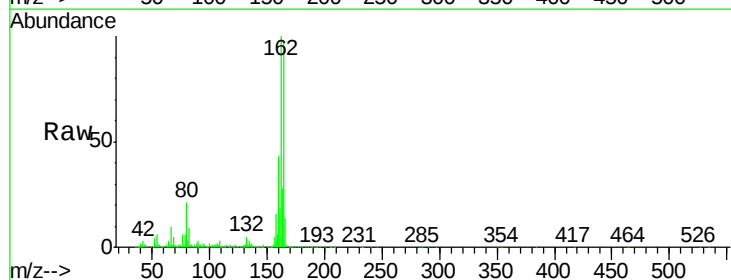
Instrument :
 BNA_G
 ClientSampleId :
 SKEARNY1

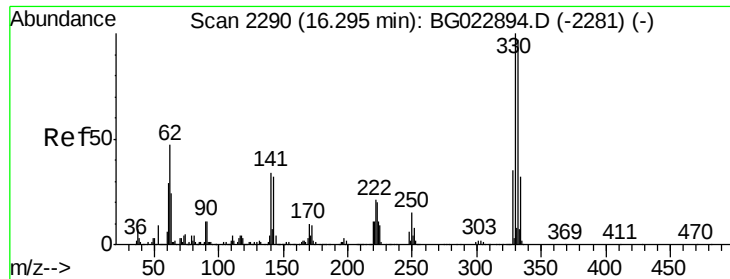
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.4	36.6
54	49.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023154.D
 Acq: 16 Jul 2016 19:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	87.7	131.5
160	44.0	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 59.92 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1

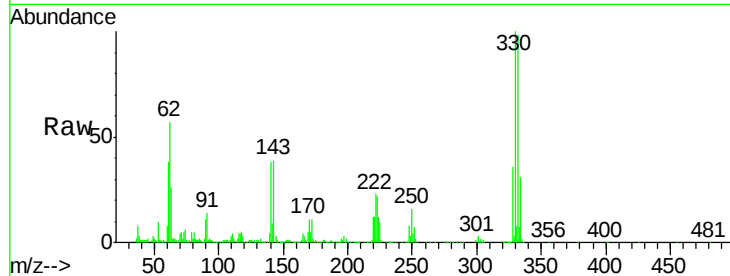
Tgt Ion:330 Resp: 477011

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

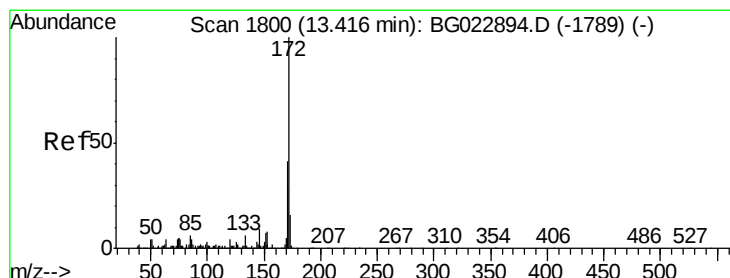
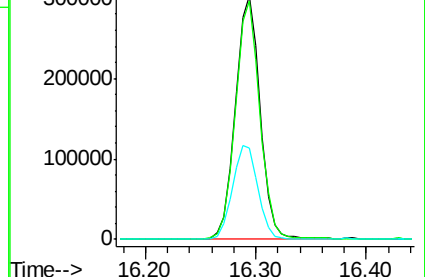
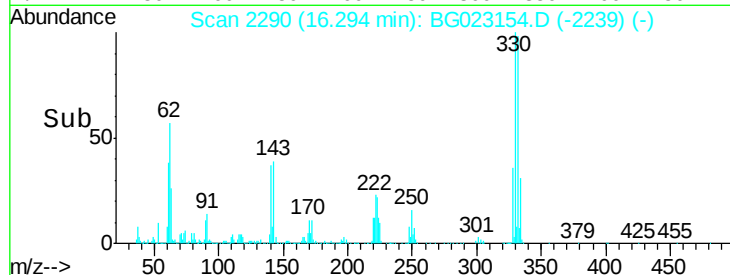
141 39.4 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 56.39 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

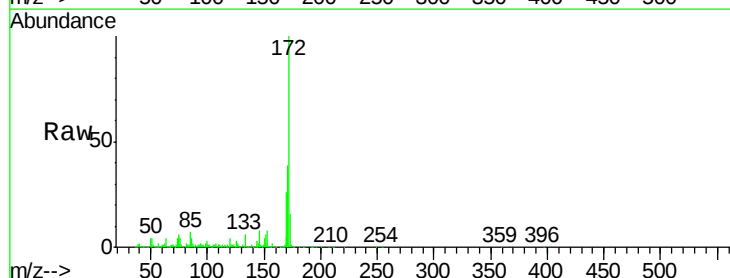
Tgt Ion:172 Resp: 1585673

Ion Ratio Lower Upper

172 100

171 38.7 31.6 47.4

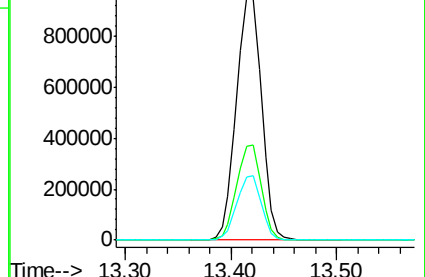
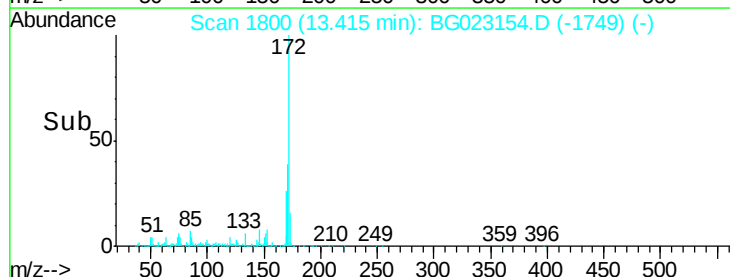
170 25.9 21.3 31.9

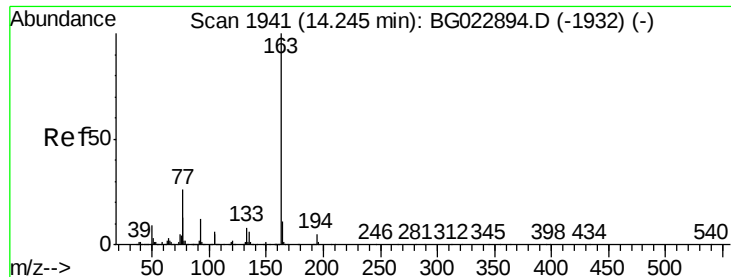


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 16.19 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1

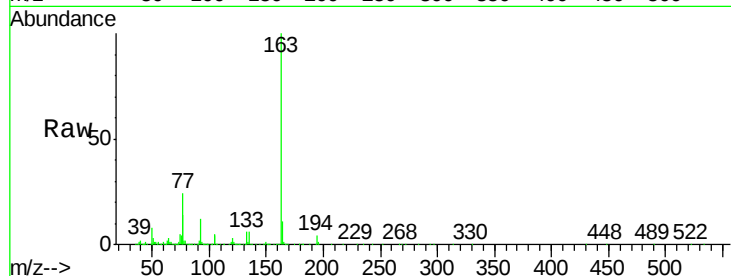
Tgt Ion:163 Resp: 585683

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

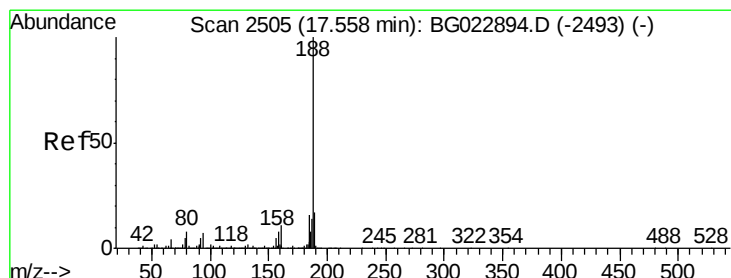
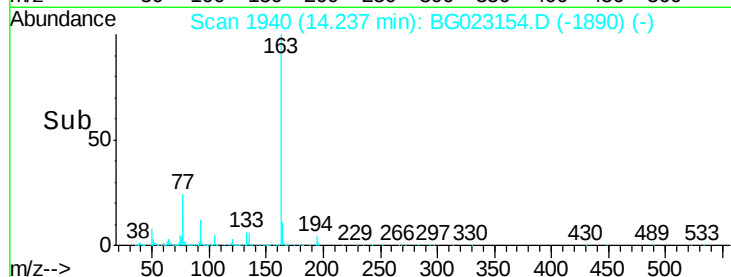
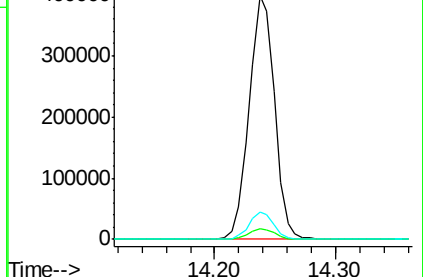
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

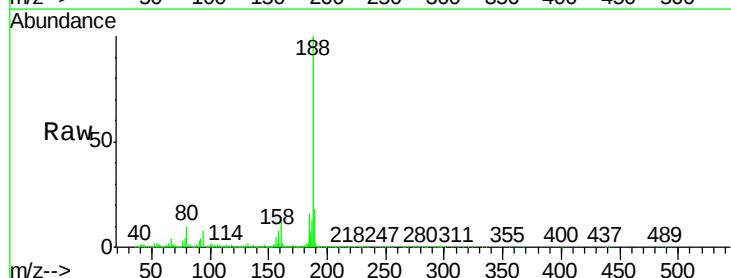
Tgt Ion:188 Resp: 922070

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

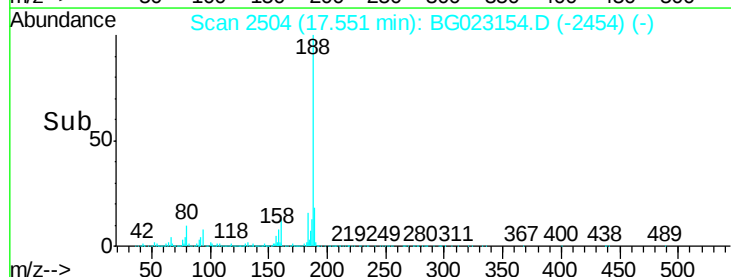
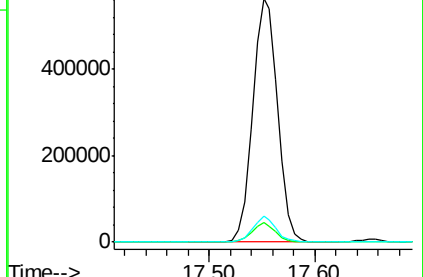
80 10.4 7.2 10.8

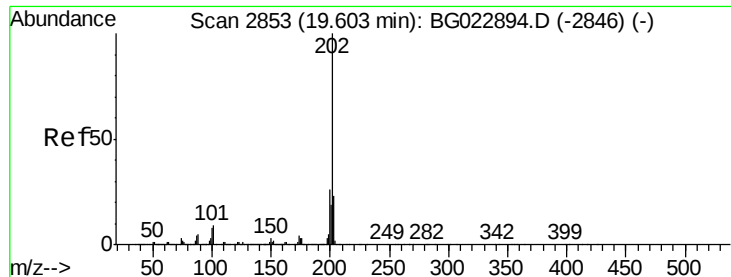


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 3.57 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1

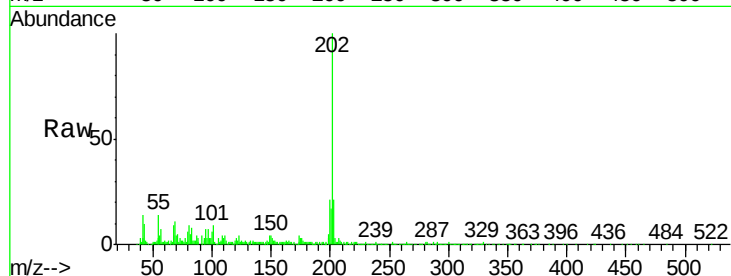
Tgt Ion:202 Resp: 197740

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.4

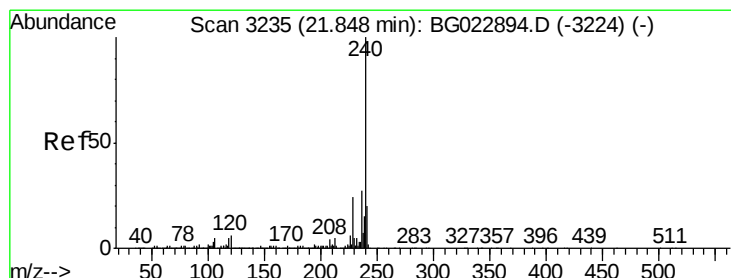
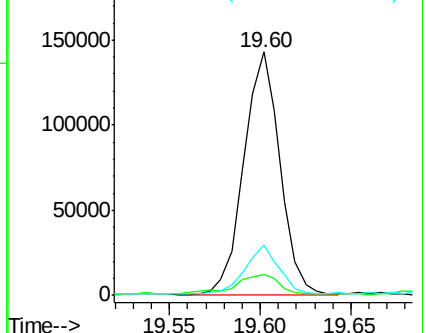
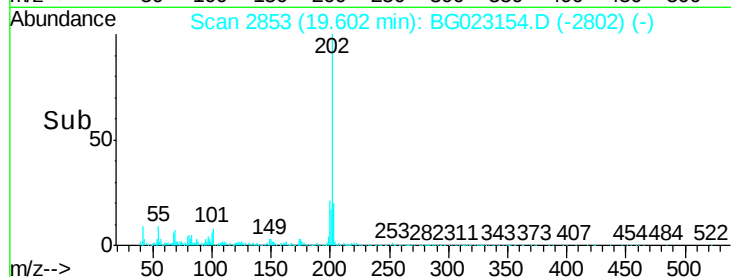
203 20.6 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

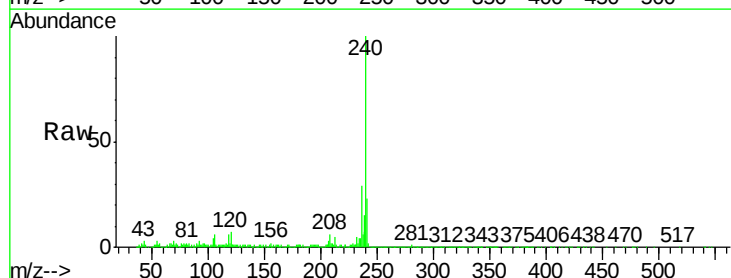
Tgt Ion:240 Resp: 929599

Ion Ratio Lower Upper

240 100

120 6.9 4.1 6.1#

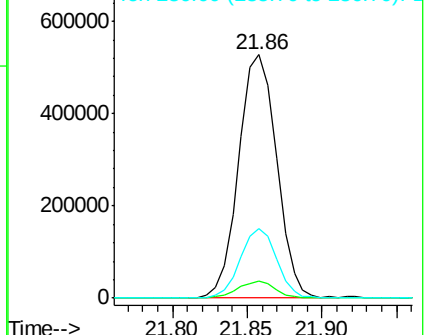
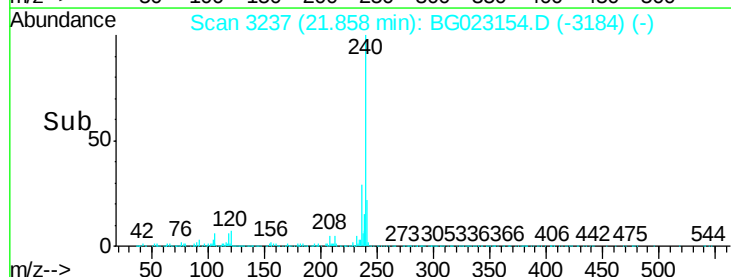
236 28.7 21.1 31.7

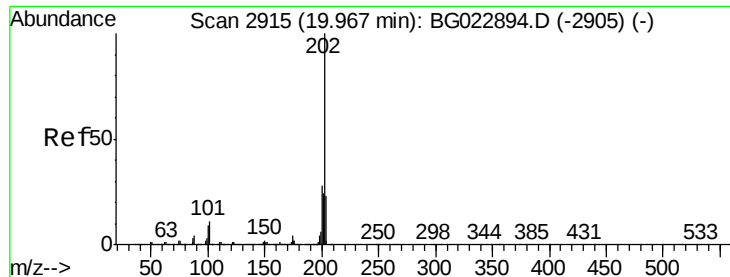


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.30 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1

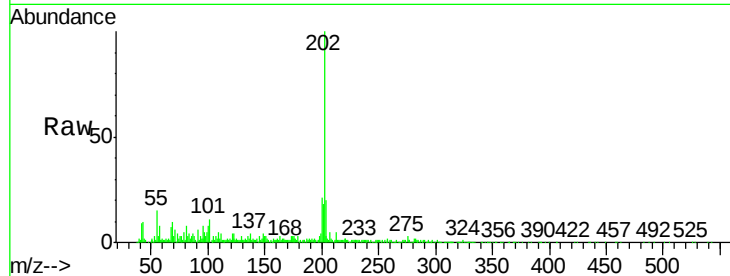
Tgt Ion:202 Resp: 172498

Ion Ratio Lower Upper

202 100

200 21.4 21.2 31.8

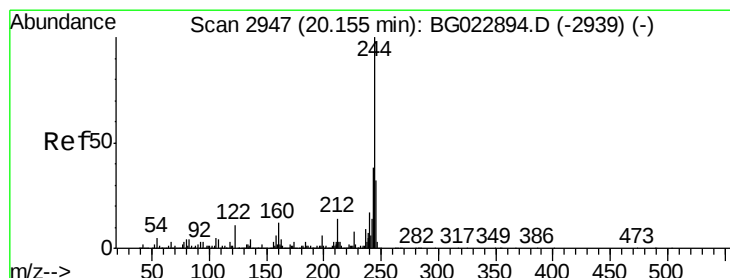
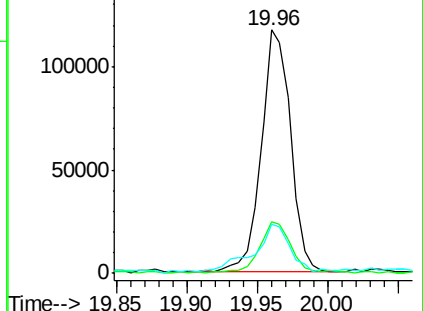
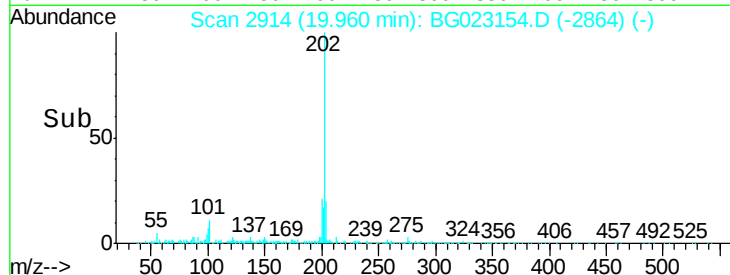
203 20.3 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 51.11 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

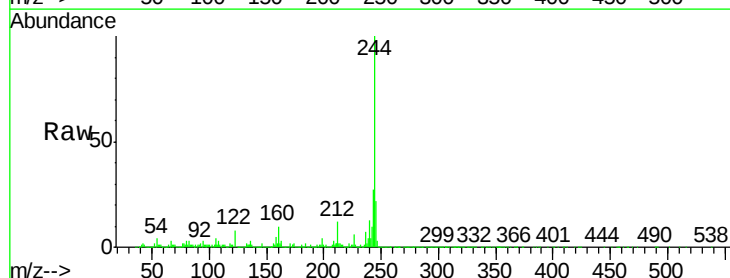
Tgt Ion:244 Resp: 1756737

Ion Ratio Lower Upper

244 100

212 11.7 10.8 16.2

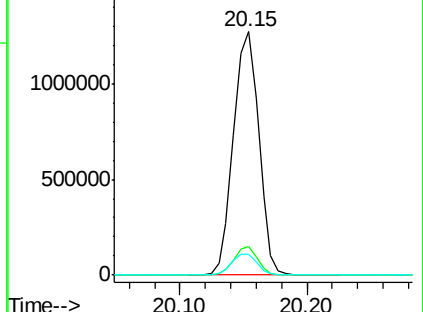
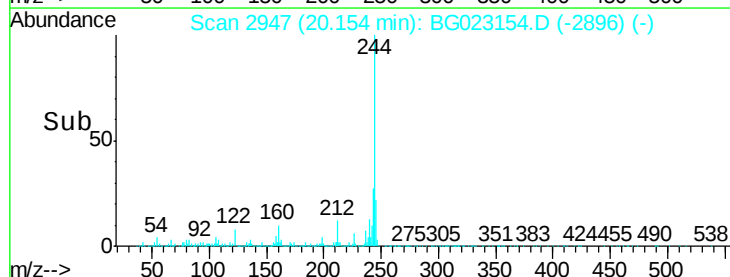
122 8.4 8.0 12.0

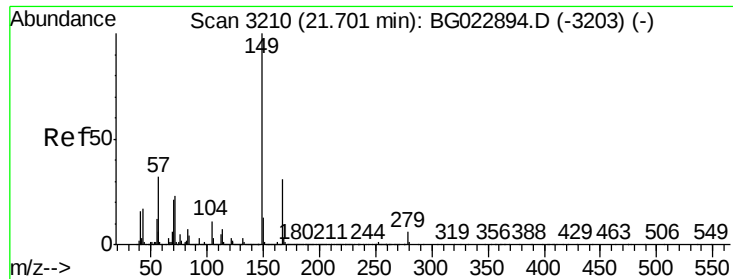


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.31 ng

RT: 21.72 min Scan# 3213

Delta R.T. 0.02 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1

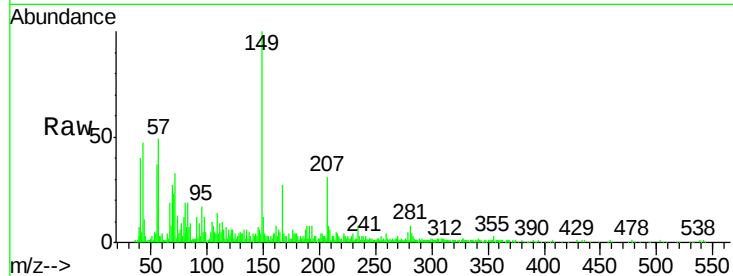
Tgt Ion:149 Resp: 66478

Ion Ratio Lower Upper

149 100

167 26.7 24.0 36.0

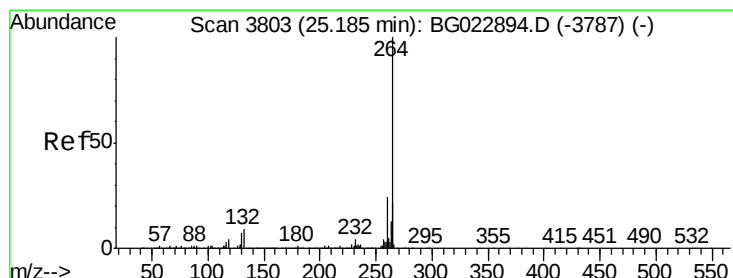
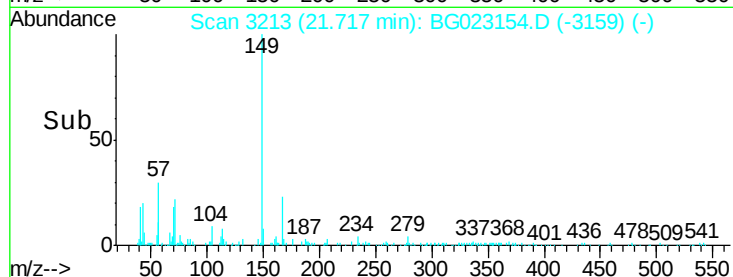
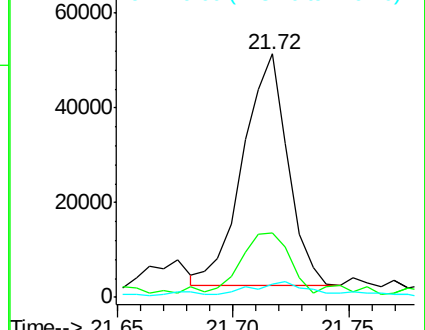
279 5.3 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. 0.05 min

Lab File: BG023154.D

Acq: 16 Jul 2016 19:44

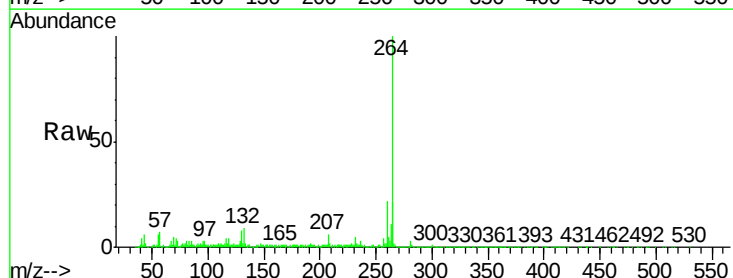
Tgt Ion:264 Resp: 924583

Ion Ratio Lower Upper

264 100

260 22.2 18.4 27.6

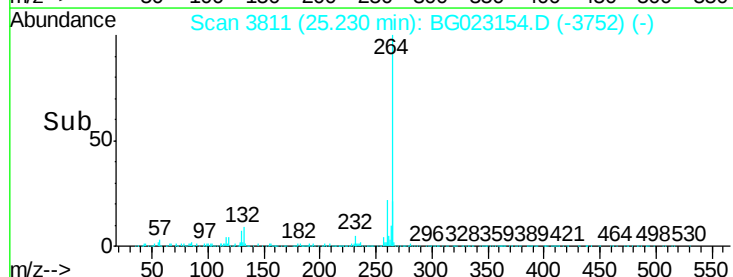
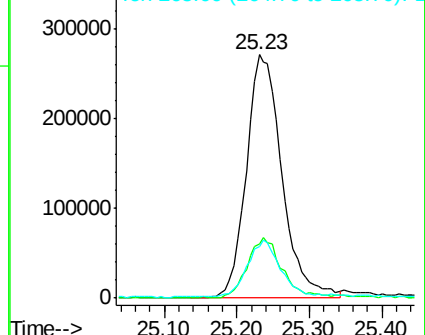
265 21.2 18.9 28.3

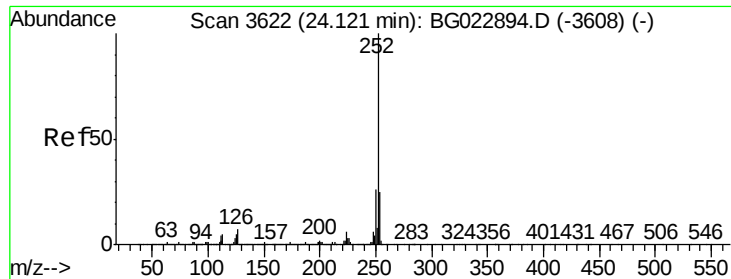


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.08 ng

RT: 24.16 min Scan# 3629

Delta R.T. 0.04 min

Lab File: BG023154.D

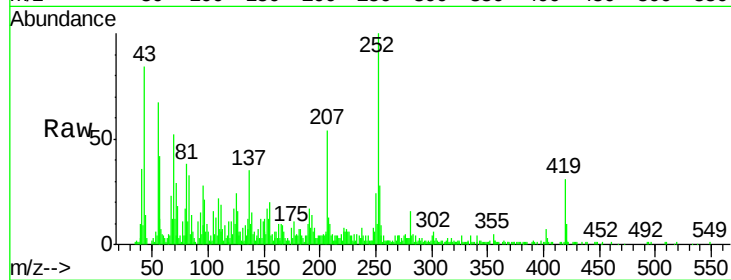
Acq: 16 Jul 2016 19:44

Instrument :

BNA_G

ClientSampleId :

SKEARNY1



Tgt Ion:	252	Resp:	110799
Ion Ratio	Lower	Upper	
252	100		
253	27.5	18.9	28.3
125	23.6	3.9	5.9#

